

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL**

Manual No.: 5-21000-OPS-GW
Procedure No.: Table of Contents, Rev 9
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Effective Date: 02/01/93
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

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VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
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*DCN 93.01	Measuring Water Levels in Well Points	2	01/28/93
GW.02	Well Development	2	05/12/92
DCN 92.01	Practice Clarification	2	10/05/92
DCN 92.02	Update Forms to Include Form Number	2	10/22/92
GW.03	Pump-In Borehole Packer Testing	2	05/12/92
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DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

ADMIN RECORD

A-SW-000547

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Environmental Management**

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GW.08	Aquifer Pumping Tests	1	05/12/92
DCN 92.01	Expired	1	05/22/92
DCN 92.02	Expired	1	05/15/92

ENVIRONMENTAL MANAGEMENT DOCUMENT CHANGE NOTICE (DCN)

2/3/93 This is a #22-
CONTROLLED DOCUMENT
EG&G - ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT
This is a RED Stamp

Procedure Number 5-21000-OPS- GW.1, Rev. 2

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Title Water Level Measurements In Wells and Piezometers			Date 01/20/93 01/28/93	DCN Number 5-21000-OPS-93.01			
Expires 01/20/94 01/28/94			Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Scope Limitation <u>Operable Unit Number 5</u>							
Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)				
1	10	5.4.6 D/W 1/28/93	<p>Insert following text as Section 5.4.</p> <p>5.4 MEASURING WATER LEVELS IN WELL POINTS</p> <p>This Section describes the procedures used for measuring water levels in well points with the manometers. The procedure for measuring water level in well points at a specific location is as follows:</p> <ol style="list-style-type: none"> 1. To measure water level, attach length of polyethylene or teflon tubing to a manometer. Manometer will be able to read 0.1 inches of water. 2. Insert this tube into well point tubing while watching manometer. When change in manometer reading is observed, mark point on inserted tube. 3. Withdraw inserted tubing and measure from downhole end to marked point. Record required information on Form GW.1A, revision 1.4. 				
Justification (Reason for Change - Provide Numbers To Reference Corresponding Items Above) More cost effective method than piezometers installed by conventional drilling methods for measuring water levels.							
DOCUMENT CLASSIFICATION REVIEW WAIVER PER R.B. HOFFMAN, CLASSIFICATION OFFICE JUNE 11, 1991							
Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	1/29/93	<i>[Signature]</i>	User	X	1/28/93
<i>[Signature]</i>	COM	X	1/28/93	<i>[Signature]</i>	USER	X	1/28/93
				<i>[Signature]</i>	EQS	X	1/28/93
Approval of Responsible Manager			Date	Is Posting Req'd?		If Yes, By What Date?	
<i>[Signature]</i>			1/28/93	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		upon receipt	
						Date Posted	

DCN Form 001

JAN 29 1993